

Message

---

**From:** Richards, Jon M. [Richards.Jon@epa.gov]  
**Sent:** 8/30/2021 1:53:52 PM  
**To:** Amoroso, Cathy [Amoroso.Cathy@epa.gov]; Abelquist, Eric . (EA2) [Eric.Abelquist@orcc.doe.gov]; Sam.scheffler@orem.doe.gov; Alexander, Shanna [Alexander.Shanna@epa.gov]; Shelly Wilson [swilson@la-inc.com]; Courtney Thomason [Courtney.Thomason@tn.gov]  
**Subject:** FW: A Compilation of Radionuclide Transfer Factors for the Plant, Meat, Milk, and Aquatic Food Pathways and the Suggested Default Values for the RESRAD Code  
**Attachments:** RESRAD Radionuclide Transfer Factors.pdf

This is the backup doc for BCFs for the RESRAD, and see p.12-13 table and the writeup I thought was very helpful on sec 2.4, p.13,17

Again as I indicated on call, there's not enough historical data, except for Uranium perhaps, to calculate a site specific BCF for a particular radionuclide,

But as my EPA HQ rad expert has provided the attached, he agreed with me, that we could consider these where some maybe updated from the ones in the PRG table ..

So we can discuss Thursday morning call if time permits..

And of course feel free to fwd to others..

Jon Richards  
Regional Radiation Expert & RPM  
US EPA R4, SEMD  
[Richards.jon@epa.gov](mailto:Richards.jon@epa.gov)  
404-431-1340

---

**From:** Ralston, Lowell <Ralston.Lowell@epa.gov>  
**Sent:** Monday, August 30, 2021 8:45 AM  
**To:** Richards, Jon M. <Richards.Jon@epa.gov>  
**Subject:** A Compilation of Radionuclide Transfer Factors for the Plant, Meat, Milk, and Aquatic Food Pathways and the Suggested Default Values for the RESRAD Code

<https://www.osti.gov/servlets/purl/10187110>

See 2.4 Aquatic Bioaccumulation Factors ..... 12

---

Lowell G. Ralston, Ph.D. | Radiation Protection Division | U.S. Environmental Protection Agency | 202 343 9831 | [ralston.lowell@epa.gov](mailto:ralston.lowell@epa.gov)